



NOTES, UNLESS OTHERWISE SPECIFIED:

1. MATERIAL:
  - 1.1 HOUSING: 7075-T73 ALUMINUM ALLOY PER AMS-QQ-A-225/9.
  - 1.2 SCREW: 8740 ALLOY STEEL PER AMS6322 OR AMS-S-6049.
  - 1.3 CAGE: 17-7PH CRES PER AMS5528 OR MIL-S-25043.
2. FINISH:
  - 2.1 HOUSING: BLUE ANODIZE PER MIL-A-8625 TYPE II, CLASS 2.
  - 2.2 SCREW: CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2.
  - 2.3 CAGE: PASSIVATE PER AMS-QQ-P-35 OR CADMIUM PLATED PER AMS-QQ-P-416, TYPE II, CLASS 2.
3. HEAT TREAT:
  - 3.1 SCREW: 160-180 KSI PER AMS-H-6875.
  - 3.2 CAGE: CONDITION TH1050 (180 KSI MINIMUM) HRC 40-46 PER AMS-H-6875.
4. FLOAT: .025 RADIALLY FROM CENTER.
5. PART NUMBER CALLOUT:
  - 5.1 CA18157 DENOTES ASSEMBLY WITH PASSIVATED CAGE.
  - 5.2 CA18157C DENOTES ASSEMBLY WITH CADMIUM PLATED CAGE.
6. COMPONENTS MAY BE ORDERED SEPARATELY BY PART NUMBER:
  - 6.1 CAGE PART NUMBER: CA18157-1 (PASSIVATED) OR CA18157-1C (CADMIUM PLATED).
  - 6.2 HOUSING ASSEMBLY PART NUMBER: CA18158.
7. MECHANICAL PROPERTIES:
  - 7.1 PUSH-OUT: 400 LBS. MINIMUM ULTIMATE.
  - 7.2 TORQUE-OUT: 70 IN-LBS. MINIMUM ULTIMATE.
  - 7.3 ULTIMATE TENSILE STRENGTH: 1,900 LBS. MINIMUM.
8. USE CA18157-T10 TOOL TO REMOVE RECEPTACLE FROM CAGE.
9. TO BE USED WITH CA1800 OR CA18000 SERIES STUD NUTS.
10. CONSULT FAIRCHILD'S ENGINEERING DEPARTMENT FOR AVAILABILITY OF OPTIONAL MATERIALS, FINISHES AND SIZES.

UNLESS OTHERWISE SPECIFIED:	
TOLERANCE:	
DECIMALS:	
.XX	±.02
.XXX	±.010
ANGLE: ±2°	
APPROVED DATE	
29 JUN 94	
REV. LETTER AND DATE	
M	30 APR 01 U.S.
DAF NUMBER	
DAF 51499 CA	

**Fairchild** FAIRCHILD FASTENERS  
**ENGINEERING CENTER**  
 3000 WEST LOMITA BOULEVARD  
 TORRANCE, CA 90505

CAGE CODE **29372**  
 TRIDAIR PRODUCT

**ASSEMBLY  
 FLOATING  
 RECEPTACLE**

**CA18157( )**

S-41103